

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	625	((73/586) or (73/587)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:28
L2	8427	((rop\$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3 test\$3 measur\$3 determin\$3) and (vibrat\$3 ultrasonic noise reverberat\$3 acoustic sound)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:40
L3	3763	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788) or (73/586) or (73/587)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:40
L4	4729	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788) or (73/587) or (73/589) or (73/660) or (73/662)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L5	1591	((73/587) or (73/589) or (73/660) or (73/662)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L6	21	l2 and l4	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:41
L7	630	((73/587) or (73/589)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:42
L8	3138	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (210/85) or (210/512.1) or (210/788)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:43
L9	0	l5 and l8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:43

S1	6	("3114510" "4246576" "5248442").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 18:09
S2	7	("3114510" "3783252" "4246576" "4441102" "4670161" "5132024"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:14
S3	4315	(hydrocyclone cyclone) and ((rop\$3 flow underflow discharge) same (sens\$3 detect\$3 analyz\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:15
S4	541	(hydrocyclone cyclone) and ((rop\$3 flow underflow discharge) same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:28
S5	70	(hydrocyclone cyclone) and ((rop\$3 flow underflow discharge) same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic))).bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:59
S6	18	S5 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S7	10	("3398888" "3577341" "3647067" "4229298" "4652254" "5044092" "5145256" "5252202").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:23
S8	0	(hydrocyclone cyclone) and (rop\$3 same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:29
S9	8000	(rop\$3 same (sens\$3 detect\$3 analyz\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:29
S10	426	(rop\$3 same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S11	51	(rop\$3 same ((sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic))). bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:30
S12	14	S11 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:01
S13	96	(hydrocyclone cyclone) same rop\$3	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:39
S14	29	S13 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:43
S15	0	("5248442").URPN.	USPAT	OR	ON	2004/11/05 18:45
S16	9	("3114510").URPN.	USPAT	OR	ON	2004/11/05 18:51

S17	10	("3094289" "3114510" "3145935" "3352499" "3358938").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 18:52
S18	9	("3114510").URPN.	USPAT	OR	ON	2004/11/05 18:53
S19	7	("3145935").URPN.	USPAT	OR	ON	2004/11/05 18:54
S20	4	("2648433").URPN.	USPAT	OR	ON	2004/11/05 18:56
S21	4	("2648433").URPN.	USPAT	OR	ON	2004/11/05 18:58
S22	2699	((rop\$3 cylinder tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic)))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:02
S23	730	S22 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:02
S24	557	((rop\$3 cylinder tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic))). bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 15:38
S25	301	S24 and ("209"/\$.ccls. "210"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/05 19:20
S26	9	((("2800016") or ("2867119") or ("2763790")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/05 19:21
S27	43	((rop\$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic noise acoustic sound))) and (hyrdocyclone cyclone ((ball grind\$3) near2 mill))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:26
S28	8	((rop\$3 cylinder column tube sausage) near3 (fluid slurry flow underflow discharge)) same ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic noise acoustic sound))) and (hyrdocyclone cyclone ((ball grind\$3) near2 mill)). bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/08 13:27

S29	203	("3096434" "3404264" "3468164" "3590370" "3688190" "3691842" "3701280" "3849637" "3855858" "3952759" "3973184" "4058975" "4099413" "4102199" "4122719" "4249164" "4250490" "4279013" "4337516" "4399824" "4417312" "4517468" "4530234" "4571689" "4635214" "4642782" "4644479" "4649515" "4668473" "4707796" "4720806" "4736367" "4736763" "4777585" "4818994" "4831564" "4841286" "4853693" "4873655" "4907167" "4924418" "4934196" "4939753" "4964125" "4988990" "4992965" "5005142" "5043862" "5053815" "5067099" "5081598" "5089979" "5089984" "5098197" "5099436" "5103409" "5111531" "5121467" "5122794" "5122976" "5130936" "5134574" "5137370" "5142612" "5143452" "5148378" "5167009" "5175678" "5193143" "5197114" "5197328" "5212765" "5214582" "5224203" "5228780" "5235527" "5265031" "5265222" "5269311" "5274572" "5282131" "5282261" "5293585" "5303181" "5305230" "5311421" "5317520" "5327357" "5333240" "5347843" "5349541" "5357449" "5361628" "5365423" "5365787" "5367612" "5384699" "5386373" "5388465" "5394341" "5394543" "5404064" "5408406" "5408586" "5414645" "5419197" "5430642" "5434774" "5436705" "5440478" "5442639" "5467355" "5469070" "5469156" "5469735" "5469749" "5481199" "5483387" "5485753" "5486996" "5488697" "5489831" "5495769" "5510779" "5511004") PN. OR ("5526293" "5539638" "5548528" "5555190" "5560246" "5561599" "5570300" "5572420" "5573032" "5591922" "5598521" "5600148" "5608650" "5623605" "5637802" "5640491" "5661668" "5665899" "5671335" "5675504" "5675724" "5680109" "5682317" "5704011" "5705978" "5708211" "5708585" "5710370" "5713668" "5742845" "5746511" "5752008" "5764891" "5781878" "5801689" "5805442" "5817950" "5828567" "5859964" "5880376" "5887978" "5908990" "5923557" "5924086" "5936514" "5940290" "5956663" "5970430" "6014902" "6018523" "6016706" "6017143" "6023399" "6038579" "6047220" "6047222" "6052655"	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 15:57
-----	-----	---	------------------------------	----	----	------------------

S30	1	("2971896").URPN.	USPAT	OR	ON	2004/11/06 16:52
S31	5	("2235928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 16:52
S32	6	("2235928").URPN.	USPAT	OR	ON	2004/11/06 16:53
S33	4	("3784115").URPN.	USPAT	OR	ON	2004/11/06 16:56
S34	3	("2760184").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 16:56
S35	9	("2760184").URPN.	USPAT	OR	ON	2004/11/06 18:22
S36	2223	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733) or (209/590) or (73/597)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:24
S37	1187	((209/590) or (73/597)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:24
S38	1037	((209/715) or (209/720) or (209/725) or (209/154) or (209/726) or (209/727) or (209/733)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 13:29
S39	1	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 18:24
S40	6	("4222859" "4576286" "4602716" "5152604" "5351832" "5458245"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:25
S41	215	((209/726) or (209/727)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/06 18:26
S42	754	S36 and ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic noise acoustic sound))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27
S43	57	S38 and ((prob\$3 sens\$3 detect\$3 analyz\$3) and (vibrat\$3 ultrasonic noise acoustic sound))	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27

S44	57	S43 not S27	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:27
S45	0	("5248442").URPN.	USPAT	OR	ON	2004/11/06 18:29
S46	7	("3114510" "3783252" "4246576" "4441102" "4670161" "5132024"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:29
S47	21	("2659881" "2798215" "2967297" "3284788" "3445834" "3493951" "3557616" "3686926" "3735201" "3849723" "3878103" "4103292" "4193356" "4246576").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/06 18:30
S48	4	("4441102").URPN.	USPAT	OR	ON	2004/11/06 18:32
S49	9	("3114510").URPN.	USPAT	OR	ON	2004/11/06 18:33